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## ABSTRACT OF DISCLOSURE

searching equipment, such as a printer, connected to a network through a router by using a broadcast packet are disclosed. A host 110 acquires routing information from a router 200. The host 110 analyzes a domain name of a sub network B103 in the routing information so as to acquire a broadcast address in the domain, then, send a broadcast packet requesting a printer name addressed to the broadcast address through the router 200. The host 110 searches a printer 120 by receiving a response packet for the broadcast packet.